

IV. Personnel

Section IV gives the names of the officers in charge of each of these bases, subsidiary stations, ships and aircraft; the number, occupation and specialization of personnel (including any designated by other Governments), who are or will be stationed at each of these bases and subsidiary stations and onboard these ships and aircraft, including the number of personnel who are members of the military services, together with the rank of any officers and the names and professional affiliations of personnel engaged in scientific activities:

Oversight

The United States Antarctic Program is managed by the National Science Foundation (NSF). The NSF designates a Senior U.S. Representative in Antarctica, and designates an NSF Representative, Antarctica, to coordinate all field activities. Unless otherwise specified, the Senior U.S. Representative in Antarctica is the Director, Office of Polar Programs (OPP), located at the National Science Foundation.

NSF Representatives in Antarctica (TBA) will be stationed at McMurdo, Palmer, and South Pole Stations during the austral summer operating season. Additionally, Raytheon Polar Services Company (RPSC), under contract to the National Science Foundation, will provide station management year round.

Officers in Charge of Bases

Each U.S. station has a station manager for operations/logistics support and a station science leader. Station managers for the 2004-2005 season will be:

McMurdo Station

TBA

Amundsen-Scott South Pole Station

Bettie Katherine Grant (Oct 2004 - Feb 2005)

William Henriksen (Feb 2005 - Nov 2005)

Palmer Station

Joseph Pettit (Sep 2004 - Dec 2004)

Robert Farrell (Dec 2004 - Apr 2005)

TBA (Apr 2005 – Sep 2005)

Officers in Charge of Ships

USCG Polar Sea (WAGB-11) CDR Mark Miller

Champion Class T-5 Tanker
(fuel tanker) TBA

Cargo Re-supply Vessel, *American Tern* TBA

R/V Nathaniel B. Palmer Captain Mike Watson

R/V Laurence M. Gould Captain Mike Terminel

Numbers, Occupations and Specialization of Personnel

McMurdo

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	42	0	12
Science Support	0	63	0	7
Operations	30	306	0	79
Logistics	64	125	0	26
SPSM/SPSE	0	46	0	2
Engineering/Construction	0	102	0	46
Information Systems	0	56	0	12
Aviation	216	28	0	5
Scientists	0	162	0	0
Working Visitors	2	44	0	2

South Pole

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	6	0	0
Science Support	0	7	0	5
Operations, EH&S	0	42	0	11
Logistics	0	10	0	3
SPSM/SPSE	0	83	0	58
Engineering/Construction/Ice	0	26	0	10
Cube Support	0	5	0	4
Information Systems	0	5	0	4
Aviation	0	0	0	0
Scientists	0	72	0	11
Working Visitors	1	29	0	0

Palmer Station

	Summer		Winter	
	<u>Military</u>	<u>Civilian</u>	<u>Military</u>	<u>Civilian</u>
Headquarters	0	5	0	2
Science Support	0	4	0	4
Operations	0	11	0	9
Logistics	0	1	0	2
Engineering/Construction	0	6	0	10
Information Systems	0	4	0	4
Scientist	0	17	0	16
Working Visitors	0	2	0	4

Thwaites Glacier Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Meteorologist Technician	0	2
Heavy Equipment Mechanic	0	1
Cook	0	1
General Assistant	0	1
Carpenters	0	7
Scientists	0	15
Twin Otter Pilots	0	4
Twin Otter Mechanic	0	1

Byrd Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Heavy Equipment Mechanic	0	1
Meteorologist Technician	0	1
General Assistant	0	1
Carpenters	0	2
Scientists	0	2

Pine Island Glacier Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Heavy Equipment Mechanic	0	1
Scientists (BAS)	0	6
Scientists (USAP)	0	3
Twin Otter Pilots	0	2
Twin Otter Mechanic	0	1

Siple Dome Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Meteorologist Technician	0	1
General Assistant	0	1
Carpenters	0	3
Scientists	0	12

Odell Glacier Camp

	Summer Only	
	<u>Military</u>	<u>Civilian</u>
Camp Supervisor	0	1
Equipment Operator	0	1

SHIPS

USCGC Polar Sea

	<i>Number of Personnel</i>
Crew	160

Champion Class T-5 Tanker

	<i>Number of Personnel</i>
Crew	24

RESUPPLY VESSEL (TBA)

	<i>Number of Personnel</i>
Crew	21

R/V Nathaniel B. Palmer

	<i>Number of Personnel</i>
Crew	21
Scientists/ RPSC	39

R/V Laurence M. Gould

	<i>Number of Personnel</i>
Crew	21
Scientists/ RPSC	36

Names and Professional Affiliation of Personnel Engaged in Scientific Activities

Further details are found in Section VI (Appendix II), and are cross-referenced here according to the project identification code. (Note: suffix M=McMurdo, S= South Pole, P=Palmer Station, N=R/V Nathaniel B. Palmer, L=R/V Laurence M. Gould, E=Other). The numbers in parentheses besides the principal investigator's name represent the anticipated number of field party members. Projects are listed by scientific discipline under each major field location or platform.

MCMURDO STATION (522 Scientists)

Aeronomy & Astrophysics (83 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
Fraser-Smith (0)	A-100-M	Stanford University/Star Laboratory
Engebretson (0)	A-102-M	Augsburg College
Hernandez (4)	A-110-M	University of Washington
Weatherwax (0)	A-111-M	Siena College
Weatherwax (3)	A-112-M	Siena College
Bieber (1)	A-120-M	University of Delaware
Deshler (6)	A-131-M	University of Wyoming
Seo (28)	A-137-M	TBA
Mitchell (11)	A-140-M	NASA
Wefel (14)	A-143-M	Louisiana State University, Baton Rouge
Sullivan (16)	A-145-M	National Scientific Balloon Facility (NSBF)
Murcray (3)	A-255-M	University of Denver

Biology & Medical Research (184 Scientists)

	<u><i>I.D. No.</i></u>	<u><i>Institution</i></u>
DeVries (8)	B-005-M	University of Illinois, Urbana
Manahan (6)	B-006-M	University of Southern California
Garrott (9)	B-009-M	Montana State University, Bozeman

Kim (7)	B-010-M	San Jose State University
Uhle (4)	B-011-M	University of Tennessee
Bowser (8)	B-015-M	New York State Department of Health
Dye (3)	B-027-M	University of Rochester
Marsh (6)	B-029-M	University of Delaware
Ainley (7)	B-031-M	H.T. Harvey & Associates
Emslie (4)	B-034-M	University of North Carolina
Smith (19)	B-047-M	Virginia Institute of Marine Sciences
Priscu (4)	B-195-M	Montana State University, Bozeman
Ponganis (9)	B-197-M	Scripps Institution of Oceanography
Castellini (7)	B-199-M	University of Alaska, Fairbanks
Lyons (7)	B-259-M	Ohio State University
Gooseff (7)	B-268-M	Utah State University
Pitman (4)	B-289-M	NOAA
Chin (9)	B-300-M	Ohio State University
Ward (6)	B-310-M	Princeton University
Palinkas (1)	B-321-M	University of California, San Diego
Conrad (9)	B-330-M	NASA
Lyons (7)	B-420-M	Ohio State University
McKnight (4)	B-421-M	University of Colorado, Boulder
Priscu (6)	B-422-M	Montana State University, Bozeman
Virginia (4)	B-423-M	Dartmouth College
Wall (5)	B-424-M	Colorado State University
Fountain (5)	B-425-M	Portland State University
Doran (5)	B-426-M	University of Illinois, Chicago
Kennicutt (4)	B-518-M	Texas A & M University

Geology & Geophysics (86 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Harwood (0)	G-049-M	University of Nebraska Lincoln
Mullins (6)	G-052-M	United States Geological Survey
Marchant (9)	G-054-M	Boston University
Marsh (28)	G-056-M	Johns Hopkins University
Harvey (7)	G-057-M	Case Western Reserve University
Harvey (10)	G-058-M	Case Western Reserve University

	<u>I.D. No.</u>	<u>Institution</u>
Putkonen (5)	G-076-M	University of Washington
Kemerait (4)	G-078-M	United States Air Force
Wilson (7)	G-079-M	Ohio State University
		New Mexico Institute of Mining and
Kyle (10)	G-081-M	Technology
Johns (2)	G-295-M	UNAVCO

Glaciology (66 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Hallet (9)	I-139-M	University of Washington
Holt (19)	I-141-M	University of Texas, Austin
Stone (6)	I-175-M	University of Washington
Borns (6)	I-187-M	Harvard University
MacAyeal (9)	I-190-M	University of Wisconsin, Madison
Kreutz (5)	I-191-M	University of Maine
Anandkrishnan (6)	I-205-M	Pennsylvania State University
Tulaczyk (6)	I-345-M	St. Olaf College

Ocean & Climate Systems (21 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Warren (3)	O-201-M	University of Washington
Stearns (2)	O-202-M	University of Wisconsin, Madison
Avallone (3)	O-251-M	University of Colorado, Boulder
Stearns (5)	O-283-M	University of Wisconsin, Madison
Hansen (3)	O-314-M	Magee Scientific Company
Dempsey (5)	O-316-M	Clarkson University

Technical Projects (72 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Young (1)	R-758-M	N/A
Young (2)	R-759-M	N/A
Carroll (4)	R-760-M	N/A
Buckley (2)	R-761-M	N/A
Young (1)	R-762-M	N/A

Young (2)	R-764-M	N/A
Young (1)	R-770-M	N/A
Smith (6)	R-805-M	N/A
Wright (1)	R-840-M	N/A
Lubin (0)	T-312-M	Scripps Institution of Oceanography
Osborne (6)	T-396-M	University of Alaska, Fairbanks
Penikett (19)	T-500-M	N/A
Hawkins (14)	T-902-M	N/A
Kolden (2)	T-911-M	N/A
Griffin (6)	T-927-M	NASA
Comberiate (5)	T-966-M	NASA

Writers & Artists Program (5 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Arthus-Bertrand (1)	W-217-M	N/A
Rogers (1)	W-218-M	Bard College
Glasberg (1)	W-219-M	N/A
Walker (1)	W-223-M	N/A
Kaiser (1)	W-227-M	N/A

SOUTH POLE STATION (188 Scientists)

Aeronomy & Astrophysics (167 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Lange (15)	A-033-S	University of California, Berkeley
Engbretson (0)	A-102-S	Augsburg College
Caldwell (5)	A-103-S	SETI Institute
Mende (1)	A-104-S	University of California, Berkeley
Inan (2)	A-108-S	Stanford University
Hernandez (4)	A-110-S	University of Washington
Weatherwax (0)	A-111-S	Siena College
Ejiri (2)	A-117-S	National Institute of Polar Research
Bieber (1)	A-120-S	University of Delaware
Besson (2)	A-123-S	University of Kansas, Lawrence

LaBelle (0)	A-128-S	Dartmouth College
Sivjee (3)	A-129-S	Embry Riddle Aeronautical University
Morse (25)	A-130-S	University of Wisconsin, Madison
Lessard (0)	A-136-S	Dartmouth College
Murcay (3)	A-255-S	University of Denver
Palo (5)	A-284-S	University of Colorado, Boulder
Halzen (57)	A-333-S	University of Wisconsin, Madison
Lessard (2)	A-362-S	Dartmouth College
Church (12)	A-366-S	Stanford University
Stark (14)	A-371-S	Smithsonian Institution
Peterson (2)	A-375-S	Carnegie-Mellon University
Stacey (4)	A-377-S	Cornell University
Holzappel (7)	A-378-S	University of California, Berkeley
Carlstrom (1)	A-379-S	University of Chicago

Biology and Medicine (1 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Palinkas (1)	B-321-S	University of California, San Diego

Geology and Geophysics (6 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (2)	G-052-S	United States Geological Survey
Butler (4)	G-090-S	United States Geological Survey

Glaciology (3 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Cole-Dai (3)	I-355-S	South Dakota State University

Ocean & Climate Systems (6 Scientist)

	<u>I.D. No.</u>	<u>Institution</u>
Stearns (0)	O-202-S	University of Wisconsin, Madison
Hofmann (6)	O-257-S	NOAA

Writers & Artists Program (1 Person)

	<u>I.D. No.</u>	<u>Institution</u>
Samaras (1)	W-221-S	University of California, Irvine

Technical Projects (4 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Bentley (2)	T-250-S	University of Wisconsin, Madison
Kolden (2)	T-911-S	N/A

PALMER STATION - (49 Scientists)

Aeronomy & Astrophysics (3 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Inan (2)	A-306-P	Stanford University
Zesta (1)	A-357-P	University of California, Los Angeles

Geology & Geophysics (0 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Mullins (0)	G-052-P	United States Geological Survey
Butler (0)	G-090-P	United States Geological Survey

Biology & Medical Research (45 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Day (5)	B-003-P	Arizona State University, Tempe
Fraser (4)	B-013-P	Polar Oceans Research Group
Vernet (5)	B-016-P	Scripps Institution of Oceanography
Quetin (4)	B-028-P	University of California, Santa Barbara
Smith (4)	B-032-P	University of California, Santa Barbara
Sidell (5)	B-036-P	University of Maine
Ducklow (5)	B-045-P	Virginia Institute of Marine Sciences
Naveen (6)	B-086-P	Oceanites, Inc
Fraser (2)	B-198-P	Polar Oceans Research Group
Lee (5)	B-256-P	Miami University

Ocean & Climate Sciences (0 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stearns (0)	O-202-P	University of Wisconsin, Madison
Keeling (0)	O-204-P	University of California, San Diego
Hofmann (0)	O-264-P	NOAA

Technical Projects (0 Personnel)

	<u>I.D. No.</u>	<u>Institution</u>
Lubin (0)	T-312-P	N/A

Writers & Artists Program (1 Person)

	<u>I.D. No.</u>	<u>Institution</u>
Nutter (1)	W-220-P	N/A

R/V Laurence M. Gould (58 Scientists)

Biology & Medicine Program (51 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Fraser (2)	B-013-L	Polar Oceans Research Group
Vernet (5)	B-016-L	Scripps Institution of Oceanography
Martinson (0)	B-021-L	Columbia University
Ross-Quetin (7)	B-028-L	University of California, Santa Barbara
Smith (2)	B-032-L	University of California, Santa Barbara
Sidell (5)	B-036-L	University of Maine
Ducklow (6)	B-045-L	Virginia Institute of Marine Sciences
Hollibaugh (2)	B-114-L	University of Georgia
Halanych (15)	B-281-L	Auburn University
Kremer (7)	B-307-L	Woods Hole Oceanographic Institution

Oceans & Climate Systems (7 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Takahashi (0)	O-214-L	Columbia University
Sprintall (1)	O-260-L	Scripps Institution of Oceanography
Emerson (2)	O-271-L	University of Washington
Chereskin (2)	O-317-L	University of California, San Diego
Chereskin (2)	O-317-L	University of California, San Diego

R/V Nathaniel B. Palmer (81 Scientists)

Biology and Medicine Program (28 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Kiene (5)	B-002-N	University of South Alabama
Jeffrey (5)	B-200-N	University of West Florida
Neale (5)	B-203-N	Smithsonian Institution
Goes (3)	B-206-N	Bigelow Marine Laboratory
Gast (2)	B-207-N	Woods Hole Oceanographic Institution
Kieber (6)	B-266-N	State University of New York Syracuse
Thiele (2)	B-280-N	Deakin University

Geology and Geophysics (32 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Stock (8)	G-071-N	California Institute of Technology
Stock (5)	G-071-N	California Institute of Technology
Anderson (19)	G-083-N	Rice University

Ocean and Climate Systems (21 Scientists)

	<u>I.D. No.</u>	<u>Institution</u>
Takahashi (0)	O-214-N	Columbia University
Gordon (18)	O-215-N	Columbia University
Firing (3)	O-315-N	University of Hawaii, Manoa

Technical Projects (0 Persons)

	<u>I.D. No.</u>	<u>Institution</u>
Lubin (0)	T-312-P	Scripps Institution of Oceanography